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Sheet 1 of 1

m PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Atty. Docket No. 30882/MEY5103 Serial No. 10,748,084

Applicant

INFORMATION DISCLOSURE STATEMENT

Conrad et al.

Group

Filing Date

December 30, 2003

r 30, 2003 | 1755

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|---------------|-----------------|-------|----------|-------------------------------|
| *Examiner Initials | Document Number | Issue Date | Name | Class | Subclass | Filing Date if Appropriate |
| | 5 276 442 | DEC 27 1004 | David | 400 | 207.7 | |
| | 3,370,442 | | Davidson et al. | 420 | 307.7 | |
| | 1657751 | Apr. 14 1987 | Doyon et al | 122 | 625 | |
| | 7,007,704 | | Dador et al. | 123 | 020 | |
| | C 70C 142 D2 | Sep. 28, 2004 | Closen et al | 65 | 17.7 | |
| | 0,770,173 102 | | Citasen et al. | | 11.5- | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------|---------------------|---------|-------|----------|-------------|----|
| •Examiner Initials | Document Number | Publication Date | Country | Class | Subclass | Translation | |
| | | | | : | | Yes | No |
| | DE10120084 | 10-24-2002 | Germany | | | Abstract | |
| | | | | |] | Only | |
| | DE19623587 | 12 18 1997 | Germany | | | Abstract | |
| | | | | | | Only | |
| · | DE3916643 | 01 03 1991 | Germany | | | Abstract | |
| | | | | i | | Only | |
| | CA 2 380 576 | 02 22 2001 | Canada | | | | × |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) |
|------------------------------------------------------------------------|
| |

Examiner

Date Considered

4/30/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NO FEE OR CERTIFICATION



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|--------------------------|-----------------------------|------------------|------------|--|
| Form PTO-1449 (Modifica) | U.S. Department of Commerce | Atty. Docket No. | Serial No. | |
| | Patent and Trademark Office | 30691/MEY5103 | 10/748,084 | |
| | | Applicant | | |
| INFORMATION DISC | CLOSURE STATEMENT | Conrad et al. | | |
| INFORMATION DISC | CEOSORE STATEMENT | Filing Date | Group | |
| | · | 12/30/03 | 1755 | |

| *Examiner Initials | | | | Class | Subclass | Filing Date if Appropriate | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------|--------------|-----------------------|-------------------------------|--------------|
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| | | لـــــــــــــــــــــــــــــــــــــ | | | | | |
| | | ODFICN | PATENT DO | CHMENT | 2 | | |
| *Examiner | Document Number | | Publication Date Country C | | | Translati | on |
| Initials | | | | | | | |
| | | | | | <u> </u> | Yes | No |
| | | · | | | | | |
| | | _L | | | | | |
| | | | | <u></u> | | | |
| | OTHER DOCU | MENTS (In | cluding Author, | Title, Date, | Pertinent F | ages, etc.) | |
| | "Monodispersed ! | Victal (Hyd | rous) Oxides - | A Fascinat | ing Field | of Colloid | Science", |
| | Matijevic, Acc. C | hem. Res., | 1981, pp. 22-2 | 9 | | | |
| | "Formation, Pack | | | | FiO ₂ Powe | lers, Barri | nger et al., |
| J. Am .Ceram. Soc. 1982, pp. C199-C201- "Applications of Sol-Gel Methods for Glass and Ceramics Processing", Mackenz. | | | | | | | |
| | | | | | lackenzie, | | |
| | Ultrastructure Processing of Ceramics, Glasses and Composites, 1984, pp. 15-26 | | | | | | |
| | | | | | | | |
| | "Synthesis and Characterization of Monosized Doped TiO2 Powders", Fogley Jr. et al., J. Am. Ceram. Soc. 1984, pp. C113 C116 | | | | | | |
| | "Synthesis, Characterization, and Processing of Monosized Ceramic Powders", Fegl | | | | | | lers", Fegle |
| ct al., Mat., Res. Soc. Symp. Proc. Vol. 32, 1984, pp. 187-197 ("Preparation of Y-Doped Zirconia by Emulsion Technique", Rinn et al., Ceramie | | | | | | , , , | |
| | | | | | | Ceramie | |
| | Powder Processing Science (Proceedings of the Second International Conference, | | | | | | ference, |
| October 12-14, 1988, pp. 221-228- "Herstellung Nanoskaliger Pulver Durch Thermische Synthese im Pulsationsreaktor | | | | | | | |
| | | | | | | onsreaktor". | |
| | Begand et al., 1988, D-12-D-16- | | | | | | , |
| | "Einsatz des Pulsa | ationsreakte | ers für die Stof | behandlur | g in der C | hemische | n Industric" |
| | Begand et al, 198 | | | | J | | |
| | "Processing of No | | | A Bime | dal Slip C | asting Ap | proach", |
| Bowen et al., Ceramic Transactions, 1988, pp. 211-218- | | | | | | , | |
| | "Preparation of M | | | | | of Zircon | d Chlorido |
| | -Solutions", Moon | | | | | | , |
| | | | | | -, FF: | | |

| Examiner au | Date Considered 4 30 2006 | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--|--|--|--|--|
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | |

"Sintering of Bimodal Y2O3-Stabilized Zirconia Powder Mixtures with a

-Nanocrystalline Component", Moskovits et al., NanoStructured Materials, Vol. 11,

NO FEE OR CERTIFICATION.

No. 2, 1999, pp. 179-185

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